Atmosphere Investigation

Aerosols Data Sheet

School Name			Study Site: ATM		
Date :					
Observer name	es:				
Ear Catallita	overflighte on date	of monouroments.			
	C	of measurements:	1. (IIT)	M 1 .:	1 (1)
		Time of overfli			gie (deg):
		l number:			
Case temperat	ure before taking m	neasurements (multipl	y voltage reading	times 100)	- ° C
values for AO7	Γ, which you then r	this table and report yecord in the sixth colu 100 times the displa	ımn. If your sun ր	photometer has a rota	ry switch with a "T
Measurement Number ¹	Local Time ² (hrs:min:sec)	Universal Time³ (hrs:min:sec)	Maximum Voltage in Sunlight ⁴ (volts)	Dark Voltage ⁵ (volts)	AOT ⁶ (cm)
1 (green)					
1 (red)					
2 (green)					
2 (red)					
3 (green)					
3 (red)					
4 (green)					
4 (red)					
5 (green)					
5 (red)					
² Ideally, time s	sets of measurements should be reported en converting local	to the nearest 15 seco	onds, using an acc	urately set timepiece.	
⁴ Always report ⁵ Enter dark vo	t voltages with 3 dig ltage in units of vol	gits to the right of the lts, not millivolts. For your data and provid	example, 0.003 V		her than 1.77.
Case temperatı	ure, after taking cas	e measurements: (mu	ltiply voltage read	ing x 100):	°C

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Strong rain

Strong snow

Blowing snow

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School Name		Study Sit	e: ATM
Current Air Temperature (obtained for	ollowing	GLOBE Protocol):	_ °C
Relative Humidity (obtained following	g GLOBE	E Protocol)	
Dry bulb temperature* (°C):	Wet b	oulb temperature* (°C):_	
*Sling Psychrometer only. (Note: Currer	nt air tem	perature and dry bulb te	emperature should be similar.)
Relative Humidity (%):			
Barometric Pressure:	_ mbar	☐ Sea Level Pressure	☐ Station Pressure
Select data source (check one):			
☐ Online or broadcast source			
☐ Aneroid barometer			
☐ Other barometer			
			-
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